

# United States Department of Commerce National Institute of Standards and Technology

## **\*Demonstrated Areas of Proficiency**

### **Mass**

Echelon II	30 kg - 1 mg 50 lb - 1 $\mu$ lb
Echelon III	1000 kg - 1 mg 2500 lb - 0.001 lb 8 oz - 0.03125 oz

### **Volume**

Gravimetric	10 gal - 2 fl oz
Volume transfer	150 gal - 1 gill

### **Length**

Steel tapes	210 ft - 1 ft
Fabric tapes	300 ft - 1 ft 12 yd - 0.25 yd
Rigid rules	24 in - 0.5 in 16 ft - 1 ft 5 m - 0.1 m

### **Time**

Stopwatches	3 hr - 0.5 hr
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### **Temperature**

Echelon IV	0 °C - 40 °C
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## **~ Certificate of Measurement Traceability ~ for**

# **New York**

**a participant in the NIST Weights and Measures  
Measurement Assurance Program for the Year(s)**

# **2006-2007**

**The State standards are traceable to NIST and the laboratory  
has demonstrated\* measurement proficiency through training  
and interlaboratory comparisons.**



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